

FIG. 1

(PRIOR ART)

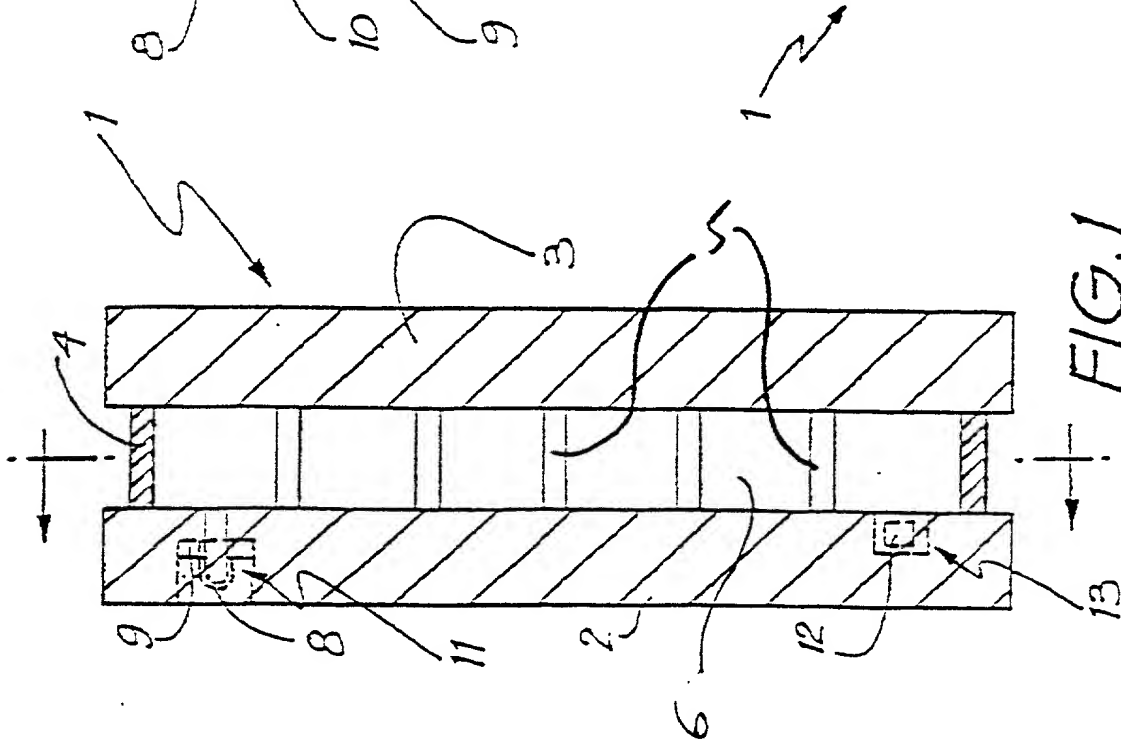
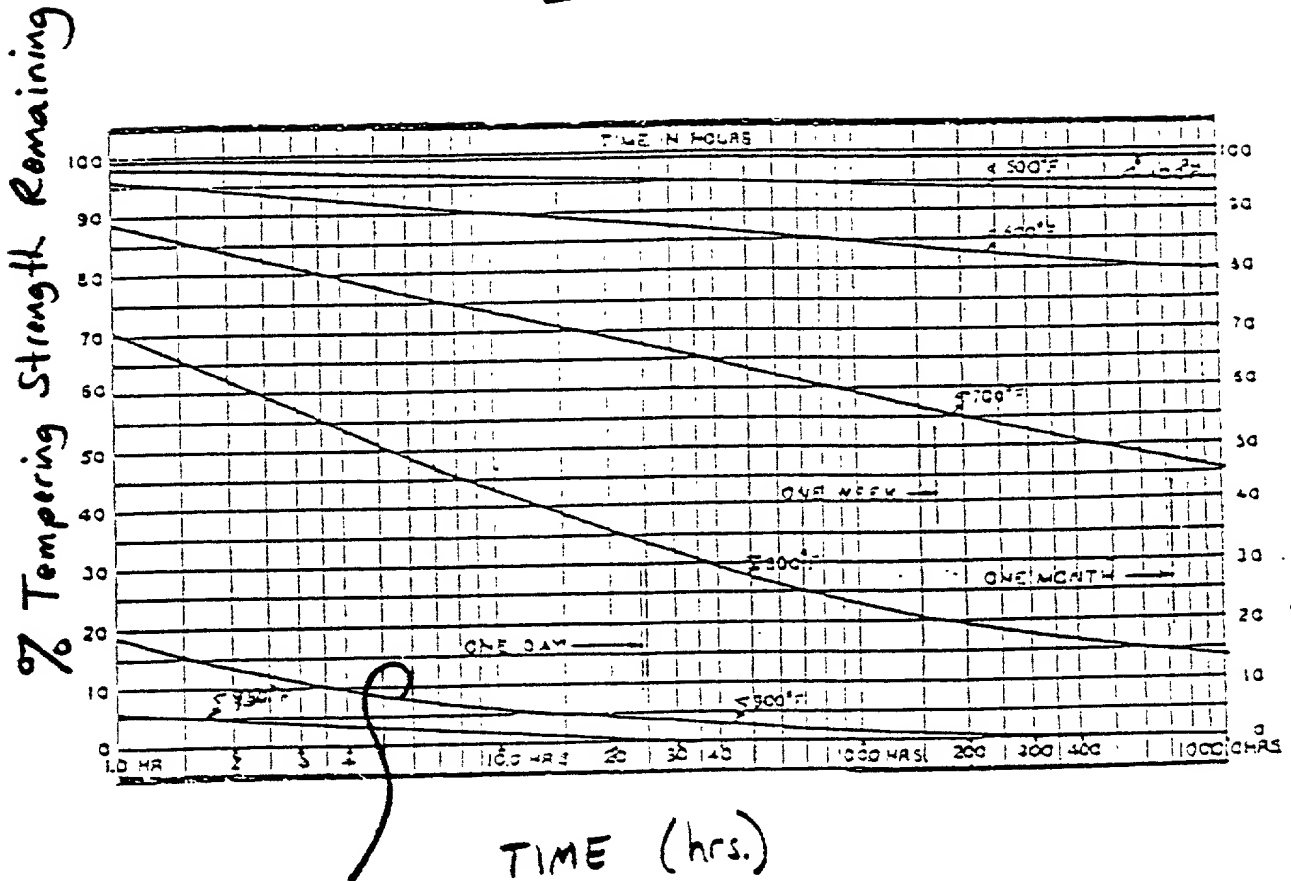


FIG. 2

(PRIOR ART)

FIG. 3

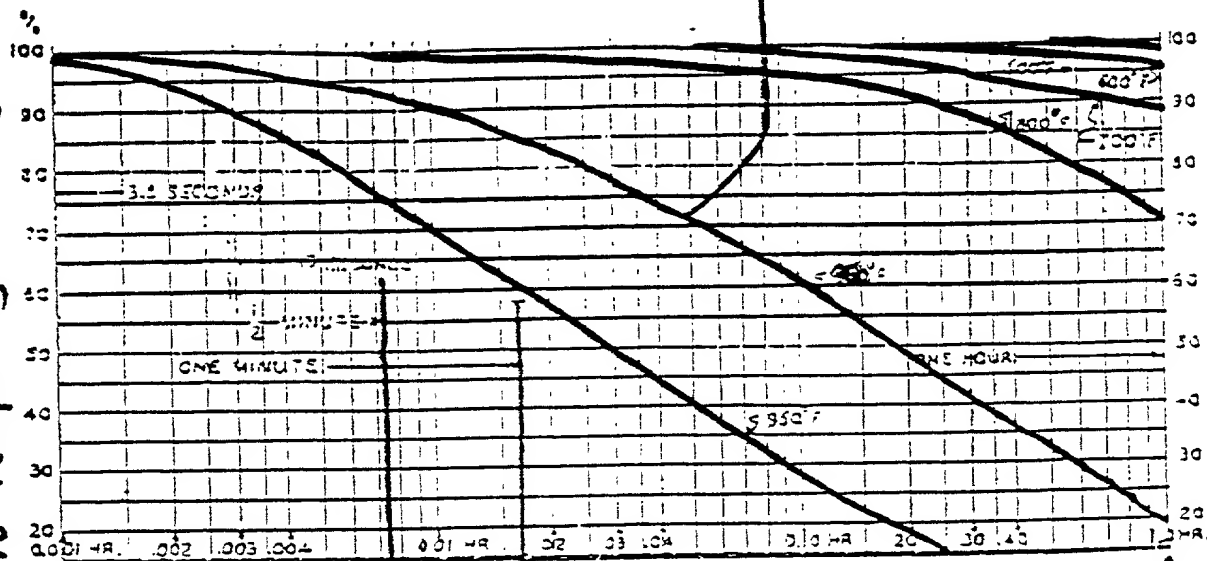


18

FIG. 4

18

% Tempering Strength Remaining



TIME

1/2 MINUTE

1 MINUTE

1 HOUR

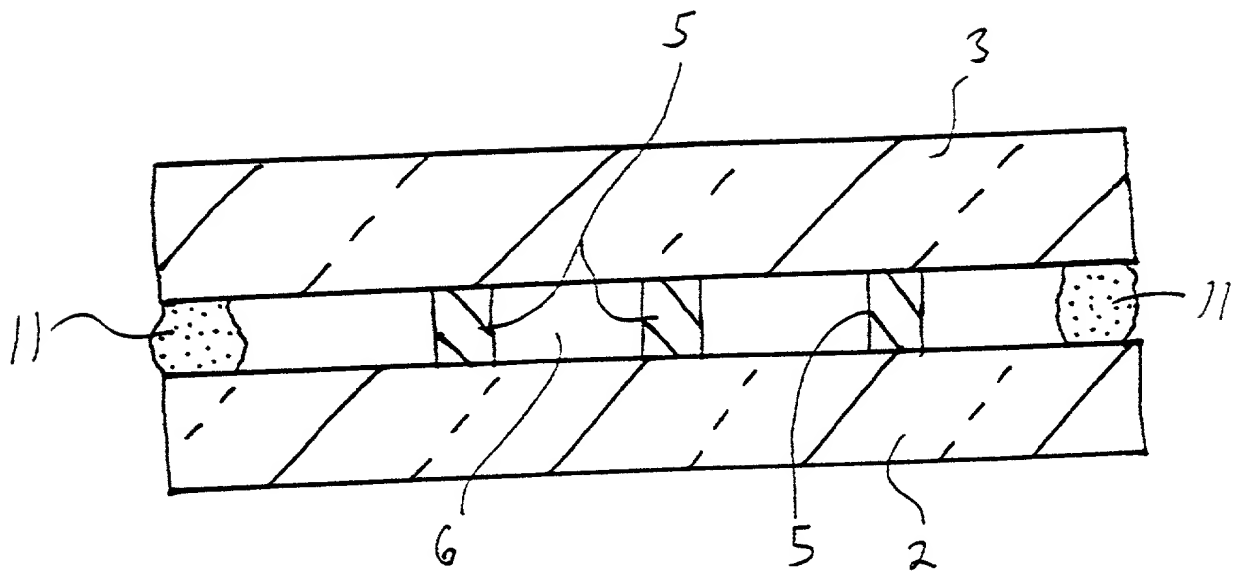


Fig. 5

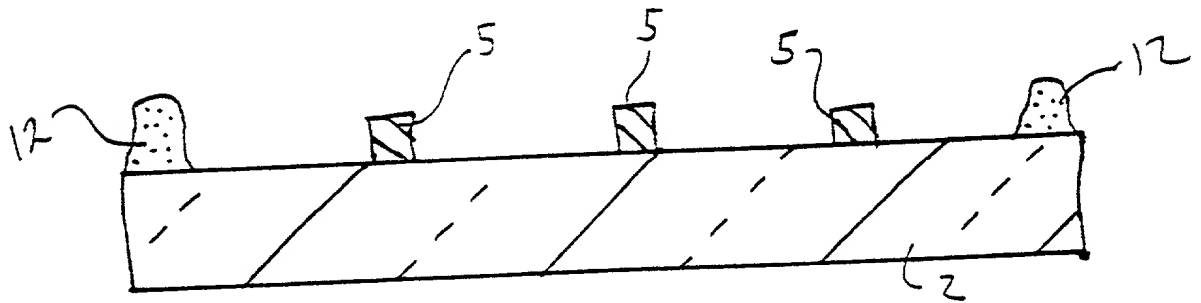


Fig. 6(a)

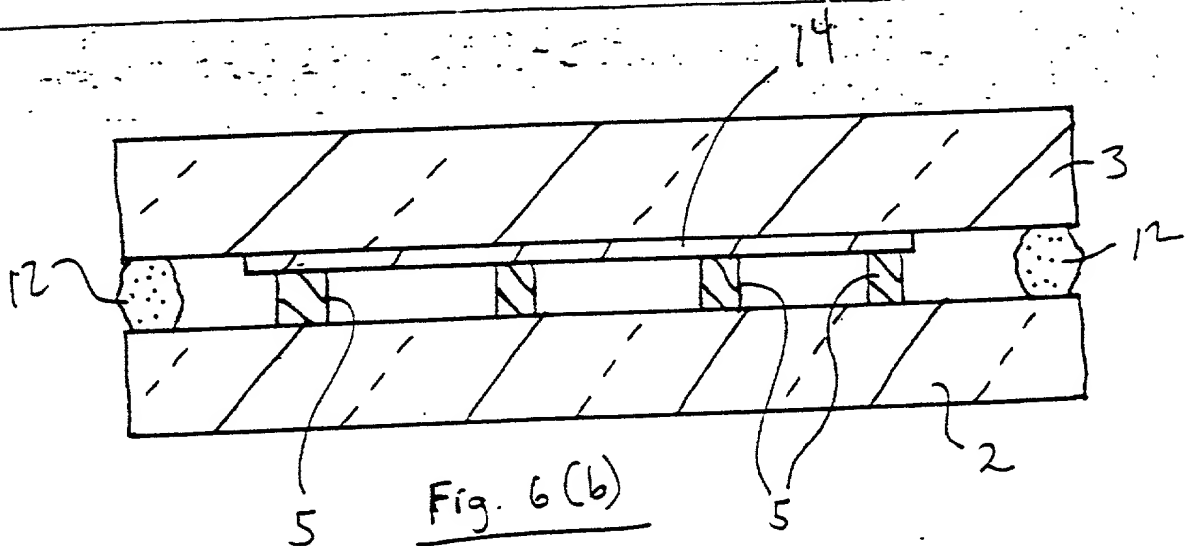
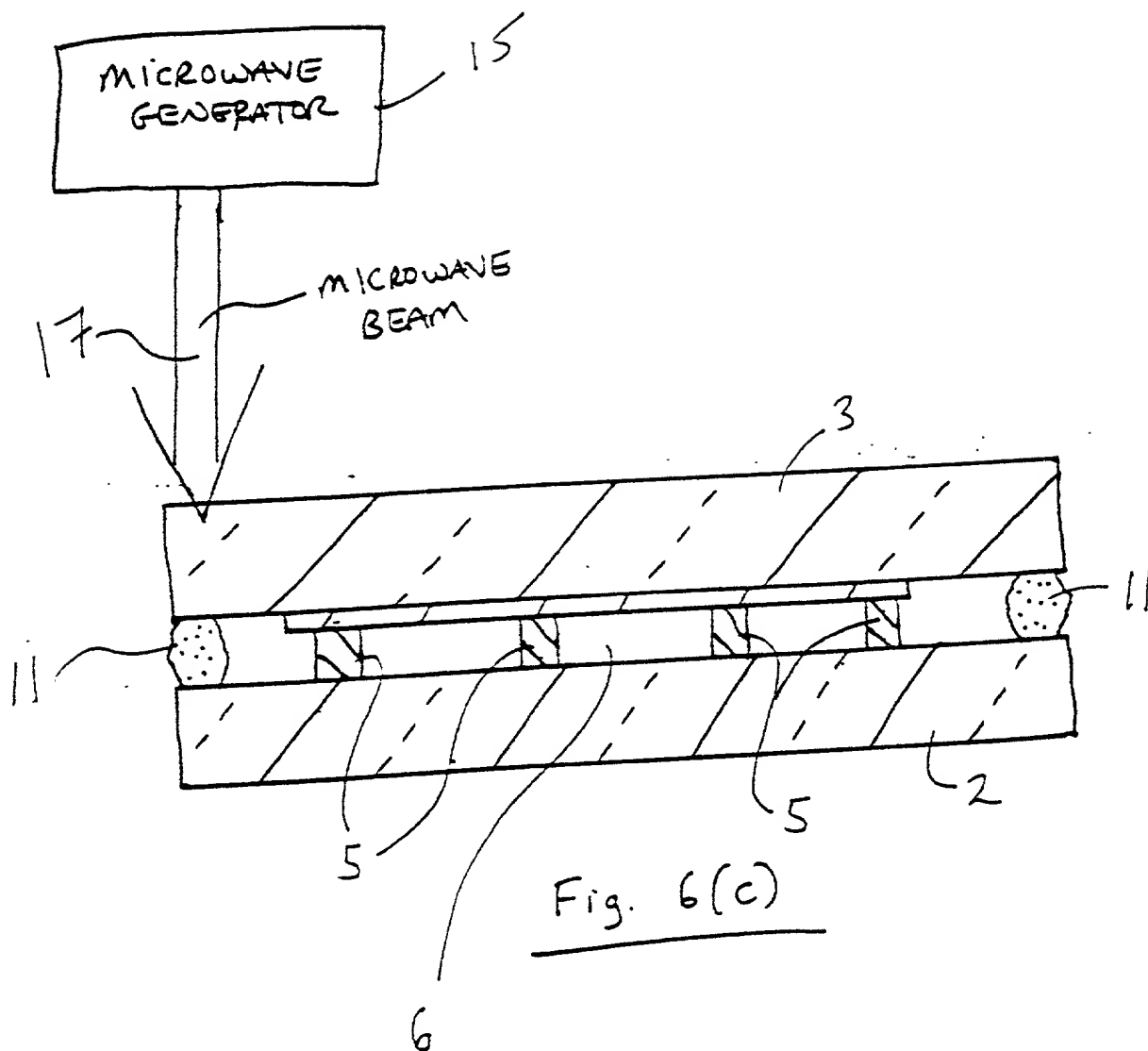


Fig. 6(b)



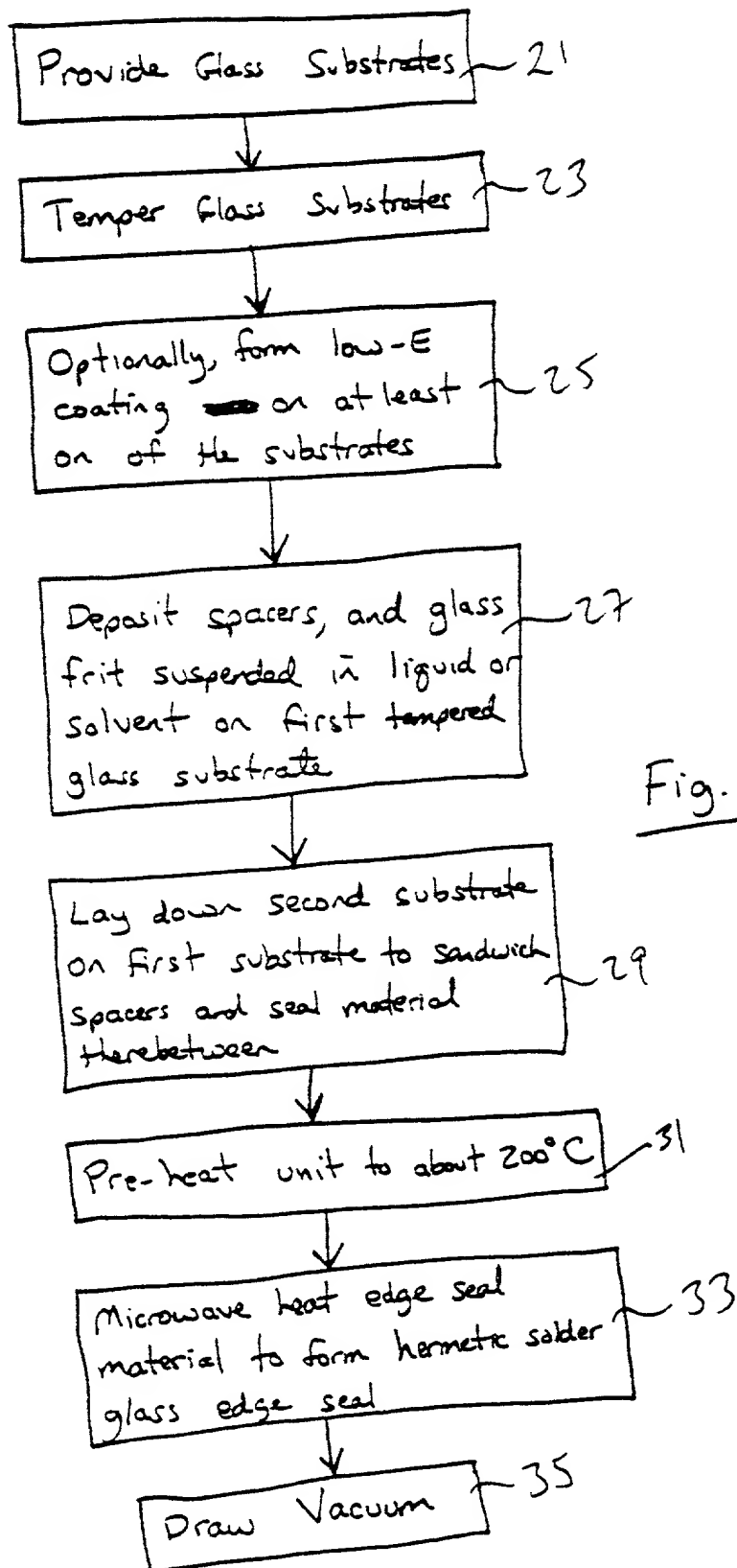


Fig. 7

Fig. 8

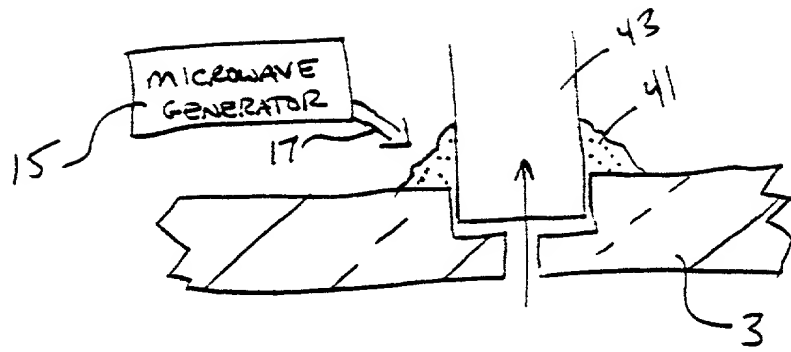


Fig. 9

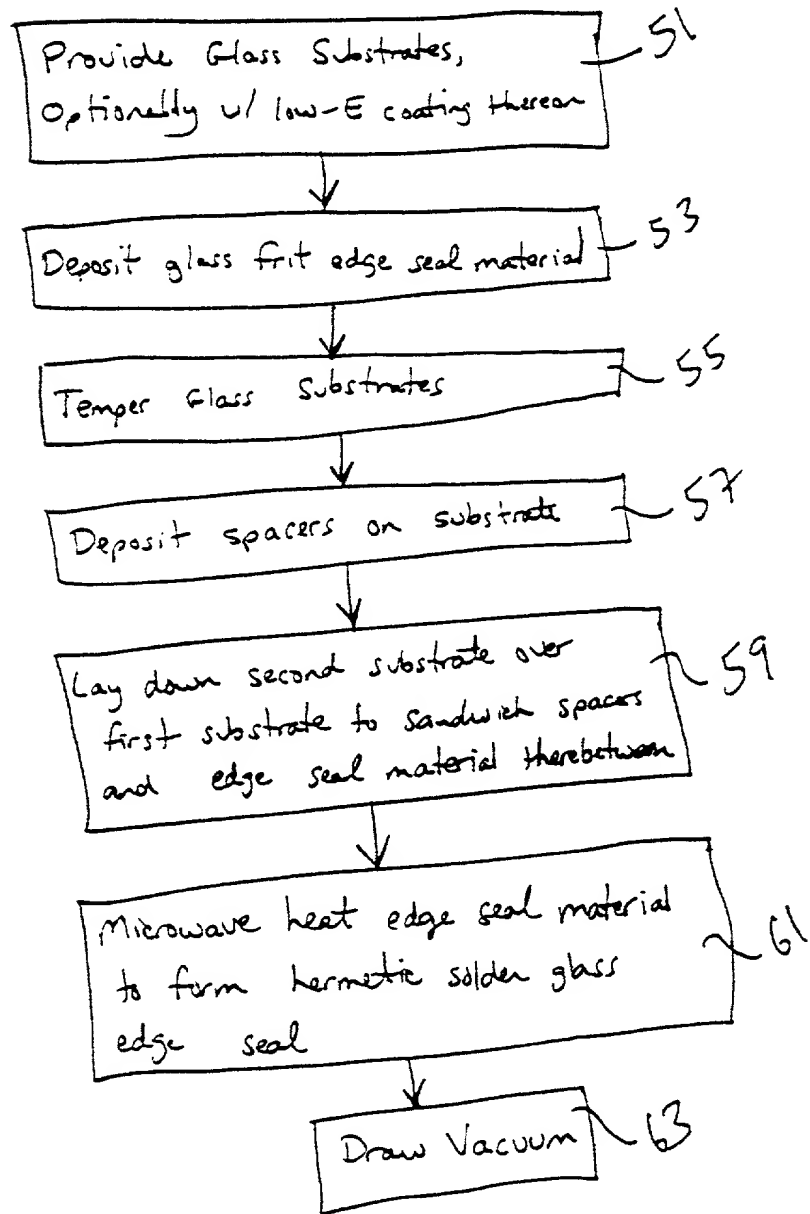


Fig. 10(a)

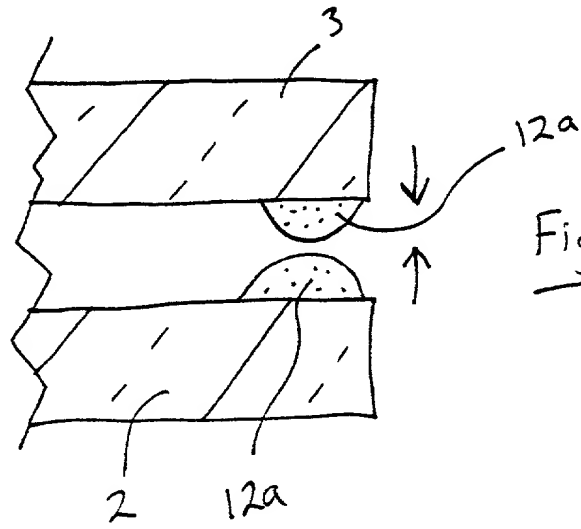
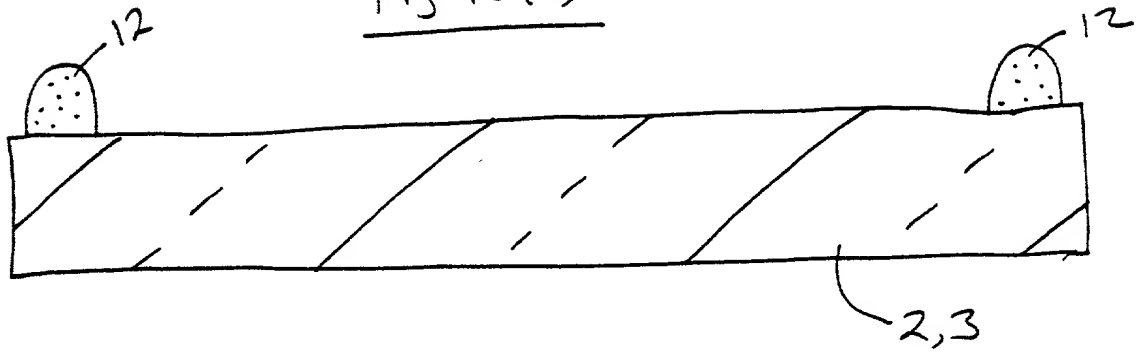


Fig. 10(b)

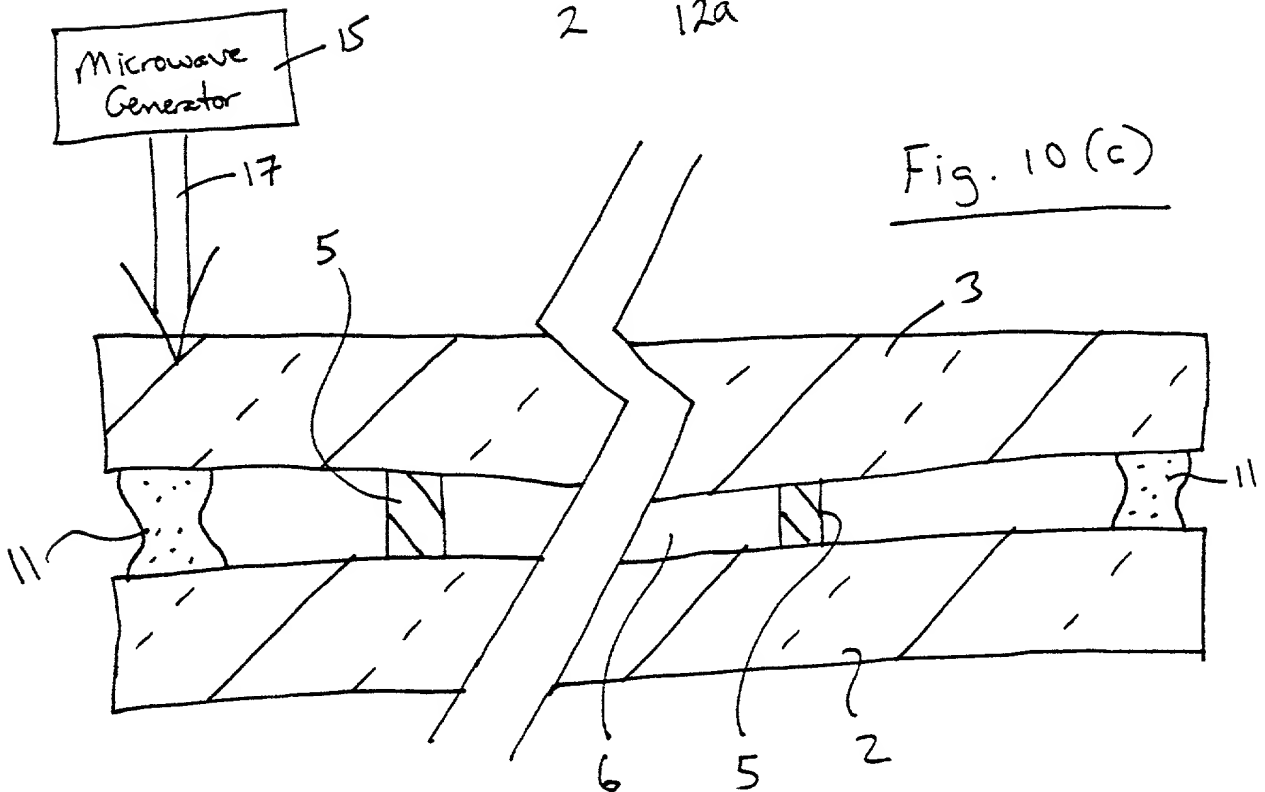


Fig. 10(c)



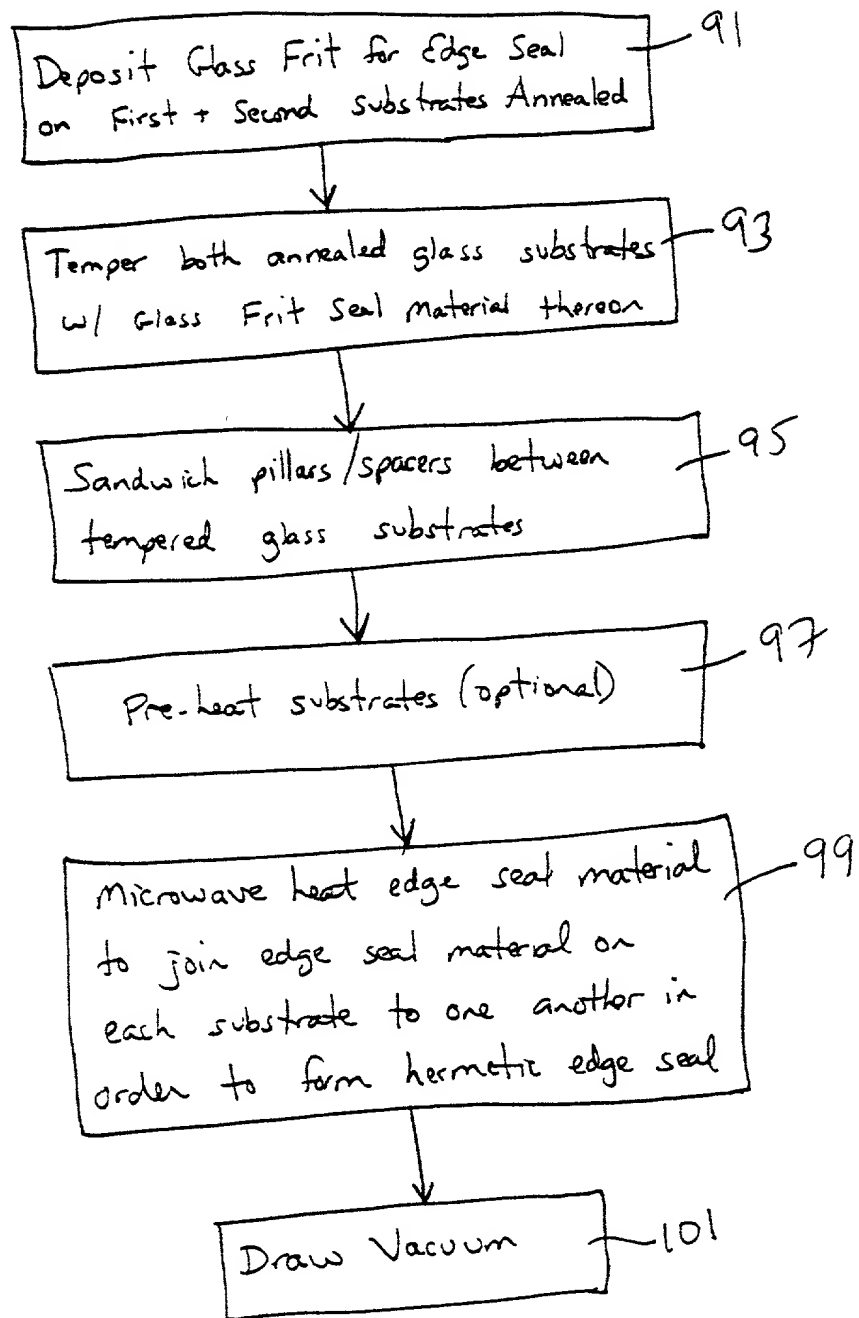


Fig. 11

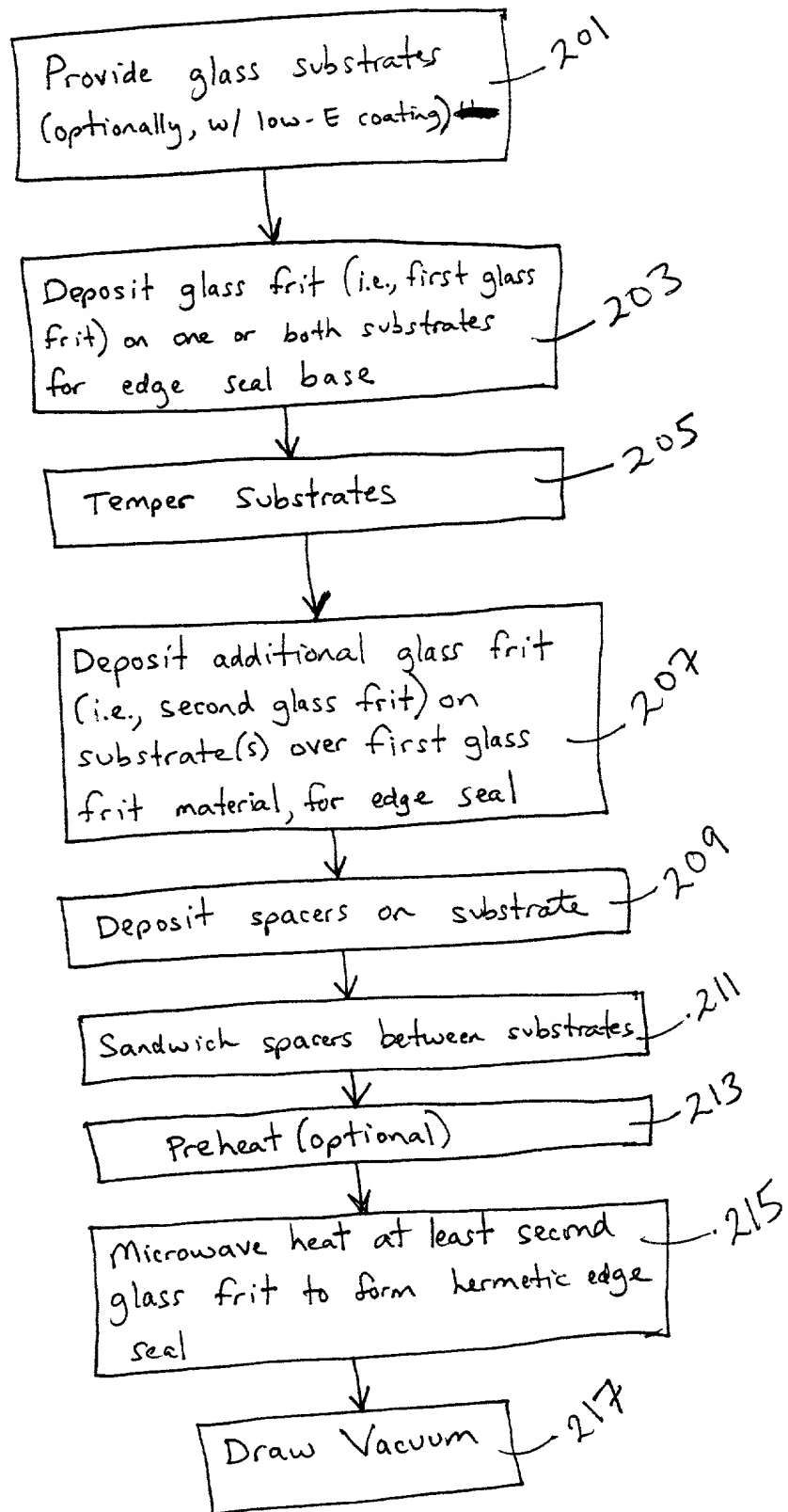


Fig. 12

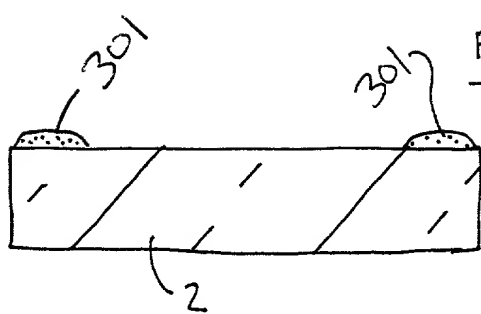


Fig. 13 (a)

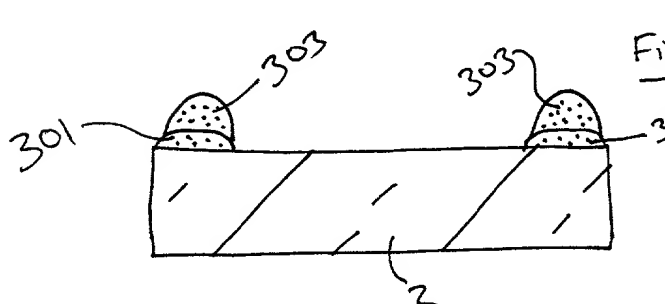
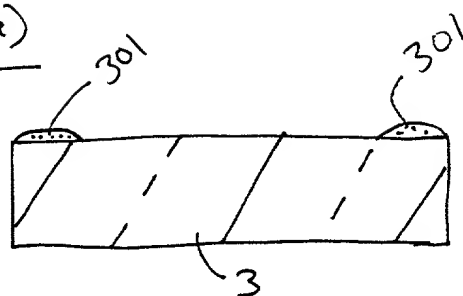


Fig. 13 (b)

